

**PUMP JET WITH AN EXHAUST BYPASS
AND ASSOCIATED METHODS**

Abstract of the Disclosure

A marine outboard motor includes a power unit and a pump jet. The power unit includes a drive output and an exhaust outlet, and the pump jet includes a rotor hub and a rotor carried thereby. The rotor hub is connected to the drive output of the power unit for selective rotation for forward or reverse motion, and the rotor hub has an internal passageway connected in fluid communication with the exhaust outlet. The pump jet further includes an exhaust bypass movable between normal and bypassed positions. The exhaust bypass when in the normal position directing exhaust through the internal passageway of the rotor hub to discharge downstream of the rotor during forward motion. The exhaust bypass when in the bypassed position bypassing exhaust from the internal passageway to discharge downstream of the rotor during reverse motion.